

# ALMANAC CLXXXII OPPOSITIONS BETWEEN JUPITER AND NEPTUNE IN CE

The almanac CLXXXII contains a list of oppositions  
between Jupiter and Neptune  
from the 1st millennium CE to the 3rd millennium CE.

## 1ST MILLENNIUM CE

**This is a list of oppositions between Jupiter and Neptune in the 1st millennium CE.**

DATE	TIME	ARC	JUPITER	NEPTUNE
JUL 20,	8   11:45 PM	180	03GE18	03SA18R
NOV 28,	8   00:44 AM	180	05GE33R	05SA33
APR 09,	9   03:07 PM	180	07GE51	07SA51R
JUL 17,	21   12:13 PM	180	02CA29	02CP29R
JUL 24,	34   00:38 AM	180	01LE48	01AQ48R
AUG 03,	47   06:14 PM	180	01VI15	01PI15R
NOV 18,	59   01:06 PM	180	26VI17	26PI17R
MAR 07,	60   02:03 AM	180	28VI08R	28PI08
AUG 13,	60   11:46 PM	180	00LI50	00AR50R
NOV 24,	72   03:25 AM	180	25LI56	25AR56R
MAY 17,	73   00:02 AM	180	28LI54R	28AR54
AUG 16,	73   07:19 AM	180	00SC28	00TA28R
DEC 01,	85   04:41 AM	180	25SC44	25TA44R
DEC 04,	98   04:08 PM	180	25SA33	25GE33R
MAR 11,	111   04:57 AM	180	20CP34	20CA34R
JUL 12,	111   09:50 PM	180	22CP45R	22CA45
NOV 27,	111   06:27 PM	180	25CP13	25CA13R
FEB 26,	124   04:26 PM	180	20AQ03	20LE03R
FEB 16,	137   09:32 AM	180	19PI32	19VI32R
MAY 16,	149   06:51 AM	180	14AR06	14LI06R
NOV 08,	149   00:42 AM	180	17AR14R	17LI14
JAN 25,	150   12:53 PM	180	18AR37	18LI37R
MAY 07,	162   06:04 PM	180	13TA20	13SC20R
AUG 24,	174   04:01 PM	180	08GE10	08SA10
OCT 23,	174   06:57 AM	180	09GE12R	09SA12
MAY 04,	175   03:49 AM	180	12GE32	12SA32R

AUG 08, 187	10:10 AM	180	07CA08	07CP08R
JAN 23, 188	08:33 AM	180	10CA00R	10CP00
APR 27, 188	01:08 AM	180	11CA37	11CP37R
AUG 12, 200	11:36 PM	180	06LE27	06AQ27R
AUG 24, 213	02:52 AM	180	05VI55	05PI55R
JAN 06, 226	09:48 AM	180	01LI28	01AR28
JAN 16, 226	01:38 AM	180	01LI38	01AR38
SEP 05, 226	12:28 PM	180	05LI34	05AR34R
DEC 19, 238	11:32 PM	180	00SC42	00TA42R
APR 13, 239	09:40 PM	180	02SC40R	02TA40
SEP 14, 239	04:00 PM	180	05SC18	05TA18R
DEC 22, 251	05:12 PM	180	00SA25	00GE25R
JUL 08, 252	04:34 AM	180	03SA51R	03GE51
SEP 02, 252	09:59 PM	180	04SA50	04GE50
DEC 23, 264	01:02 PM	180	00CP13	00CA13R
APR 17, 277	08:54 PM	180	25CP33	25CA33
JUN 01, 277	07:14 AM	180	26CP20R	26CA20
DEC 20, 277	00:07 AM	180	29CP56	29CA56R
MAR 19, 290	02:02 AM	180	24AQ41	24LE41R
OCT 09, 290	07:23 PM	180	28AQ21R	28LE21
NOV 18, 290	07:26 AM	180	29AQ03	29LE03
MAR 08, 303	10:06 PM	180	24PI09	24VI09R
JUN 10, 315	03:35 PM	180	18AR50	18LI50R
OCT 06, 315	08:45 AM	180	20AR55R	20LI55
FEB 24, 316	04:49 AM	180	23AR26	23LI26R
MAY 26, 328	02:31 PM	180	17TA58	17SC58R
MAY 24, 341	03:50 PM	180	17GE12	17SA12R
SEP 02, 353	04:49 AM	180	11CA54	11CP54R
DEC 22, 353	03:58 PM	180	13CA47R	13CP47
MAY 25, 354	09:05 AM	180	16CA25	16CP25R

SEP 02, 366	11:50 PM	180	11LE08	11AQ08R
MAR 10, 367	03:36 AM	180	14LE18R	14AQ18
MAY 21, 367	11:56 AM	180	15LE32	15AQ32R
SEP 13, 379	04:59 PM	180	10VI38	10PI38R
SEP 25, 392	07:23 AM	180	10LI18	10AR18R
JAN 26, 405	10:20 PM	180	05SC46	05TA46
MAR 04, 405	11:24 AM	180	06SC23R	06TA23
OCT 05, 405	02:44 PM	180	10SC04	10TA04R
JAN 14, 418	02:39 AM	180	05SA11	05GE11R
JUN 01, 418	09:52 AM	180	07SA35R	07GE35
OCT 07, 418	04:56 PM	180	09SA49	09GE49R
JAN 12, 431	10:06 AM	180	04CP55	04CA55R
JAN 08, 444	02:49 PM	180	04AQ38	04LE38R
APR 09, 456	03:40 AM	180	29AQ27	29LE27R
AUG 31, 456	07:36 PM	180	02PI02R	02VI02
DEC 24, 456	04:18 AM	180	04PI05	04VI05R
MAR 26, 469	08:53 PM	180	28PI49	28VI49R
JUL 16, 481	04:08 PM	180	23AR49	23LI49
AUG 29, 481	08:10 AM	180	24AR35R	24LI35
MAR 17, 482	00:51 AM	180	28AR09	28LI09R
JUN 15, 494	05:35 AM	180	22TA40	22SC40R
DEC 28, 494	06:11 PM	180	26TA07R	26SC07
FEB 19, 495	05:29 PM	180	27TA02	27SC02
JUN 12, 507	06:33 AM	180	21GE54	21SA54R
OCT 09, 519	12:31 PM	180	16CA55	16CP55
NOV 16, 519	08:23 AM	180	17CA33R	17CP33
JUN 14, 520	08:41 PM	180	21CA10	21CP10R
SEP 24, 532	01:36 AM	180	15LE56	15AQ56R
FEB 07, 533	05:37 AM	180	18LE13R	18AQ13
JUN 19, 533	07:24 PM	180	20LE27	20AQ27R

OCT 02, 545	05:26 AM	180	15VI23	15PI23R
APR 21, 546	10:26 AM	180	18VI46R	18PI46
JUN 16, 546	05:11 PM	180	19VI43	19PI43
OCT 14, 558	02:18 PM	180	15LI03	15AR03R
OCT 25, 571	03:22 AM	180	14SC51	14TA51R
FEB 09, 584	11:57 PM	180	10SA06	10GE06R
MAY 02, 584	11:41 PM	180	11SA32R	11GE32
OCT 28, 584	01:41 PM	180	14SA39	14GE39R
JAN 31, 597	07:28 AM	180	09CP41	09CA41R
AUG 11, 597	00:05 AM	180	13CP04R	13CA04
OCT 12, 597	12:09 PM	180	14CP10	14CA10
JAN 26, 610	03:24 AM	180	09AQ21	09LE21R
MAY 05, 622	06:20 AM	180	04PI19	04VI19R
AUG 03, 622	07:05 PM	180	05PI55R	05VI55
JAN 15, 623	11:43 AM	180	08PI53	08VI53R
APR 13, 635	08:27 PM	180	03AR33	03LI33R
APR 03, 648	09:25 PM	180	02TA52	02SC52R
JUL 05, 660	02:08 AM	180	27TA26	27SC26R
NOV 26, 660	10:52 AM	180	29TA57R	29SC57
MAR 22, 661	07:31 PM	180	02GE00	02SA00R
JUN 29, 673	06:10 AM	180	26GE38	26SA38R
JUL 03, 686	11:45 AM	180	25CA55	25CP55R
OCT 20, 698	08:51 AM	180	20LE49	20AQ49R
JAN 11, 699	05:55 PM	180	22LE13R	22AQ13
JUL 11, 699	08:51 PM	180	25LE17	25AQ17R
OCT 22, 711	07:47 PM	180	20VI12	20PI12R
MAR 19, 712	07:17 PM	180	22VI42R	22PI42
JUL 18, 712	12:10 PM	180	24VI44	24PI44R
NOV 01, 724	09:50 AM	180	19LI50	19AR50R
JUN 08, 725	04:34 AM	180	23LI32R	23AR32

JUL 07, 725	03:23 PM	180	24LI02	24AR02
NOV 11, 737	09:08 PM	180	19SC37	19TA37R
NOV 17, 750	07:08 AM	180	19SA27	19GE27R
FEB 21, 763	03:57 AM	180	14CP29	14CA29R
JUL 11, 763	09:40 AM	180	16CP57R	16CA57
NOV 11, 763	05:18 AM	180	19CP08	19CA08R
FEB 13, 776	03:31 PM	180	14AQ04	14LE04R
FEB 03, 789	07:19 PM	180	13PI37	13VI37R
MAY 02, 801	04:12 AM	180	08AR16	08LI16R
NOV 06, 801	07:05 AM	180	11AR38R	11LI38
JAN 07, 802	05:29 AM	180	12AR44	12LI44
APR 22, 814	02:56 AM	180	07TA34	07SC34R
JUL 31, 826	07:39 AM	180	02GE16	02SA16R
OCT 29, 826	08:52 PM	180	03GE51R	03SA51
APR 15, 827	01:55 AM	180	06GE47	06SA47R
JUL 18, 839	01:36 PM	180	01CA22	01CP22R
FEB 09, 840	12:56 PM	180	04CA54R	04CP54
MAR 22, 840	09:15 PM	180	05CA38	05CP38
JUL 21, 852	07:31 AM	180	00LE40	00AQ40R
JUL 31, 865	01:11 AM	180	00VI03	00PI03R
NOV 16, 877	11:30 AM	180	25VI05	25PI05R
FEB 20, 878	05:17 AM	180	26VI41R	26PI41
AUG 11, 878	09:25 AM	180	29VI35	29PI35R
NOV 22, 890	09:50 AM	180	24LI38	24AR38R
APR 28, 891	08:03 AM	180	27LI18R	27AR18
AUG 18, 891	04:15 AM	180	29LI12	29AR12R
DEC 01, 903	05:30 AM	180	24SC22	24TA22R
DEC 06, 916	00:56 AM	180	24SA11	24GE11R
MAR 22, 929	01:30 AM	180	19CP24	19CA24R
JUN 07, 929	06:08 PM	180	20CP45R	20CA45

DEC 03, 929	08:02 PM	180	23CP56	23CA56R
MAR 03, 942	10:26 PM	180	18AQ47	18LE47R
FEB 23, 955	07:50 PM	180	18PI18	18VI18R
MAY 26, 967	05:35 PM	180	13AR00	13LI00R
OCT 02, 967	00:49 AM	180	15AR18R	15LI18
FEB 09, 968	00:11 AM	180	17AR38	17LI38R
MAY 10, 980	12:44 PM	180	12TA14	12SC14R
MAY 05, 993	01:59 PM	180	11GE29	11SA29R

## 2ND MILLENNIUM CE

This is a list of oppositions between Jupiter and Neptune in the 2nd millennium CE.

DATE	TIME	ARC	JUPITER	NEPTUNE
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AUG 09, 1005	08:01 AM	180	06CA05	06CP05R
JAN 01, 1006	12:49 PM	180	08CA34R	08CP34
APR 30, 1006	06:52 AM	180	10CA37	10CP37R
AUG 10, 1018	02:45 PM	180	05LE21	05AQ21R
AUG 20, 1031	03:13 PM	180	04VI46	04PI46R
SEP 01, 1044	10:42 AM	180	04LI20	04AR20R
DEC 18, 1056	10:37 AM	180	29LI28	29AR28R
MAR 27, 1057	06:36 AM	180	01SC09R	01TA09
SEP 12, 1057	08:21 AM	180	04SC01	04TA01R
DEC 21, 1069	09:38 PM	180	29SC07	29TA07R
JUN 10, 1070	04:03 PM	180	02SA03R	02GE03
SEP 12, 1070	04:13 PM	180	03SA40	03GE40R

DEC 26, 1082	03:15 AM	180	28SA53	28GE53R
DEC 25, 1095	05:52 PM	180	28CP38	28CA38R
MAR 26, 1108	04:06 AM	180	23AQ30	23LE30R
AUG 25, 1108	06:13 AM	180	26AQ13R	26LE13
DEC 10, 1108	09:37 AM	180	28AQ08	28LE08R
MAR 14, 1121	07:15 AM	180	22PI57	22VI57R
JUL 02, 1133	01:17 AM	180	17AR57	17LI57
AUG 22, 1133	06:34 PM	180	18AR52R	18LI52
MAR 04, 1134	10:04 AM	180	22AR20	22LI20R
JUN 01, 1146	05:22 AM	180	16TA52	16SC52R
JAN 05, 1147	01:16 PM	180	20TA43R	20SC43
JAN 22, 1147	12:58 PM	180	21TA01	21SC01
MAY 26, 1159	07:18 AM	180	16GE08	16SA08R
SEP 07, 1171	07:35 PM	180	10CA54	10CP54R
NOV 30, 1171	07:19 PM	180	12CA20R	12CP20
MAY 24, 1172	10:50 PM	180	15CA22	15CP22R
AUG 31, 1184	08:56 PM	180	10LE02	10AQ02R
FEB 18, 1185	04:02 PM	180	12LE55R	12AQ55
MAY 22, 1185	04:36 PM	180	14LE30	14AQ30R
SEP 09, 1197	08:50 AM	180	09VI28	09PI28R
SEP 22, 1210	02:17 PM	180	09LI03	09AR03R
OCT 04, 1223	09:51 PM	180	08SC45	08TA45R
JAN 16, 1236	09:09 PM	180	03SA55	03GE55R
MAY 07, 1236	11:50 PM	180	05SA50R	05GE50
OCT 10, 1236	00:27 AM	180	08SA31	08GE31R
JAN 14, 1249	06:25 PM	180	03CP35	03CA35R
AUG 16, 1249	00:03 AM	180	07CP19R	07CA19
SEP 17, 1249	04:50 PM	180	07CP53	07CA53
JAN 13, 1262	03:08 PM	180	03AQ17	03LE17R
APR 24, 1274	08:36 PM	180	28AQ18	28LE18R



JUL 21, 1274	08:37 PM	180	29AQ52R	29LE52
JAN 05, 1275	12:25 PM	180	02PI53	02VI53R
APR 03, 1287	07:39 AM	180	27PI36	27VI36R
MAR 23, 1300	09:46 AM	180	26AR59	26LI59R
JUN 22, 1312	06:44 PM	180	21TA33	21SC33R
NOV 18, 1312	11:56 PM	180	24TA11R	24SC11
MAR 08, 1313	11:44 PM	180	26TA07	26SC07R
JUN 14, 1325	09:14 AM	180	20GE46	20SA46R
JUN 15, 1338	00:15 AM	180	20CA03	20CP03R
SEP 25, 1350	02:15 AM	180	14LE48	14AQ48R
JAN 20, 1351	11:14 AM	180	16LE47R	16AQ47
JUN 19, 1351	12:28 PM	180	19LE19	19AQ19R
SEP 30, 1363	06:49 AM	180	14VI11	14PI11R
MAR 31, 1364	05:09 AM	180	17VI15R	17PI15
JUN 19, 1364	02:29 PM	180	18VI36	18PI36R
OCT 11, 1376	03:43 AM	180	13LI46	13AR46R
OCT 23, 1389	11:18 PM	180	13SC29	13TA29R
FEB 28, 1402	11:53 PM	180	09SA02	09GE02
MAR 24, 1402	02:36 AM	180	09SA26R	09GE26
NOV 01, 1402	00:55 AM	180	13SA16	13GE16R
FEB 05, 1415	03:38 PM	180	08CP20	08CA20R
JUL 05, 1415	07:19 PM	180	10CP57R	10CA57
OCT 27, 1415	05:31 PM	180	12CP57	12CA57R
FEB 01, 1428	02:49 AM	180	07AQ59	07LE59R
JAN 24, 1441	11:28 AM	180	07PI35	07VI35R
APR 22, 1453	03:29 PM	180	02AR16	02LI16R
OCT 22, 1453	02:13 PM	180	05AR33R	05LI33
DEC 30, 1453	07:09 AM	180	06AR47	06LI47R
APR 10, 1466	05:46 PM	180	01TA38	01SC38R
JUL 17, 1478	01:36 AM	180	26TA20	26SC20R

OCT 23, 1478	11:49 PM	180	28TA04R	28SC04
MAR 31, 1479	05:34 PM	180	00GE52	00SA52R
JUL 03, 1491	02:16 AM	180	25GE26	25SA26R
JUL 02, 1504	09:48 PM	180	24CA43	24CP43R
OCT 25, 1516	05:16 AM	180	19LE43	19AQ43
DEC 20, 1516	06:48 AM	180	20LE39R	20AQ39
JUL 09, 1517	07:21 AM	180	24LE04	24AQ04R
OCT 20, 1529	07:26 PM	180	18VI57	18PI57R
MAR 03, 1530	05:50 AM	180	21VI11R	21PI11
JUL 17, 1530	08:15 PM	180	23VI29	23PI29R
OCT 30, 1542	02:00 PM	180	18LI30	18AR30R
MAY 11, 1543	08:18 AM	180	21LI45R	21AR45
JUL 18, 1543	03:58 PM	180	22LI54	22AR54R
NOV 11, 1555	00:53 AM	180	18SC13	18TA13R
NOV 19, 1568	00:51 AM	180	18SA00	18GE00R
MAR 02, 1581	03:34 PM	180	13CP09	13CA09R
JUN 05, 1581	11:37 AM	180	14CP48R	14CA48
NOV 19, 1581	07:48 AM	180	17CP45	17CA45R
FEB 28, 1594	04:03 PM	180	12AQ40	12LE40R
FEB 21, 1607	07:40 AM	180	12PI16	12VI16R
MAY 23, 1619	08:41 PM	180	07AR00	07LI00R
OCT 03, 1619	01:56 PM	180	09AR22R	09LI22
FEB 06, 1620	05:25 AM	180	11AR38	11LI38R
MAY 07, 1632	03:53 PM	180	06TA16	06SC16R
APR 29, 1645	08:11 AM	180	05GE34	05SA34R
JUL 30, 1657	07:31 PM	180	00CA07	00CP07R
JAN 17, 1658	08:21 AM	180	03CA05R	03CP05
APR 15, 1658	11:03 PM	180	04CA37	04CP37R
JUL 30, 1670	08:46 PM	180	29CA23	29CP23R
AUG 07, 1683	07:47 AM	180	28LE46	28AQ46R

NOV 25, 1695	06:11 PM	180	23VI48	23PI48R
FEB 15, 1696	05:24 AM	180	25VI09R	25PI09
AUG 17, 1696	02:58 AM	180	28VI15	28PI15R
NOV 30, 1708	10:38 AM	180	23LI16	23AR16R
APR 21, 1709	12:43 PM	180	25LI39R	25AR39
AUG 27, 1709	08:14 PM	180	27LI49	27AR49R
DEC 09, 1721	11:43 PM	180	22SC56	22TA56R
JUL 10, 1722	11:30 PM	180	26SC33R	26TA33
AUG 17, 1722	07:47 PM	180	27SC12	27TA12
DEC 17, 1734	05:45 PM	180	22SA42	22GE42R
DEC 20, 1747	08:15 AM	180	22CP27	22CA27R
MAR 21, 1760	10:18 AM	180	17AQ20	17LE20R
SEP 01, 1760	02:00 AM	180	20AQ14R	20LE14
DEC 05, 1760	11:11 AM	180	21AQ57	21LE57R
MAR 11, 1773	10:04 AM	180	16PI52	16VI52R
JUN 22, 1785	00:34 AM	180	11AR49	11LI49R
SEP 03, 1785	02:59 AM	180	13AR07R	13LI07
FEB 28, 1786	00:19 AM	180	16AR19	16LI19R
MAY 27, 1798	00:56 AM	180	10TA52	10SC52R
MAY 20, 1811	02:02 PM	180	10GE09	10SA09R
AUG 24, 1823	10:00 PM	180	04CA49	04CP49R
DEC 22, 1823	01:23 PM	180	06CA53R	06CP53
MAY 13, 1824	11:07 AM	180	09CA21	09CP21R
AUG 19, 1836	01:59 PM	180	04LE00	04AQ00R
AUG 27, 1849	10:26 AM	180	03VI24	03PI24R
SEP 08, 1862	10:07 AM	180	02LI56	02AR56R
DEC 27, 1874	07:22 PM	180	28LI03	28AR03R
MAR 25, 1875	12:28 PM	180	29LI31R	29AR31
SEP 20, 1875	05:40 PM	180	02SC33	02TA33R
JAN 01, 1888	01:14 PM	180	27SC38	27TA38R

JUN 01, 1888	10:15 AM	180	00SA13R	00GE13
SEP 26, 1888	01:25 AM	180	02SA12	02GE12R
JAN 07, 1901	05:28 AM	180	27SA21	27GE21R
JAN 09, 1914	06:06 AM	180	27CP05	27CA05R
APR 18, 1926	04:12 AM	180	22AQ03	22LE03R
AUG 02, 1926	09:46 AM	180	23AQ56R	23LE56
JAN 02, 1927	09:38 PM	180	26AQ41	26LE41R
APR 02, 1939	05:23 AM	180	21PI26	21VI26R
MAR 21, 1952	05:12 PM	180	20AR52	20LI52R
JUN 18, 1964	07:04 AM	180	15TA27	15SC27R
DEC 03, 1964	03:52 PM	180	18TA26R	18SC26
FEB 28, 1965	09:28 PM	180	19TA59	19SC59R
JUN 08, 1977	08:49 PM	180	14GE41	14SA41R
OCT 01, 1989	06:51 AM	180	09CA38	09CP38
NOV 14, 1989	08:01 PM	180	10CA24R	10CP24
JUN 06, 1990	09:05 AM	180	13CA56	13CP56R

## 3RD MILLENNIUM CE

**This is a list of oppositions between Jupiter and Neptune in the 3rd millennium CE.**

DATE	TIME	ARC	JUPITER	NEPTUNE
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SEP 11, 2002	12:37 PM	180	08LE36	08AQ36R
FEB 16, 2003	08:36 AM	180	11LE17R	11AQ17
JUN 03, 2003	03:36 AM	180	13LE06	13AQ06R
SEP 17, 2015	07:33 AM	180	07VI58	07PI58R

SEP 28, 2028	08:05 PM	180	07LI31	07AR31R
OCT 12, 2041	02:57 AM	180	07SC11	07TA11R
JAN 28, 2054	07:30 AM	180	02SA22	02GE22R
MAY 03, 2054	00:07 AM	180	03SA58R	03GE58
OCT 21, 2054	08:34 PM	180	06SA55	06GE55R
JAN 28, 2067	08:55 PM	180	01CP58	01CA58R
JUL 23, 2067	10:52 AM	180	05CP01R	05CA01
OCT 17, 2067	11:25 PM	180	06CP31	06CA31R
JAN 29, 2080	03:10 AM	180	01AQ39	01LE39R
JAN 23, 2093	07:25 AM	180	01PI17	01VI17R
APR 23, 2105	03:15 AM	180	26PI00	26VI00R
OCT 30, 2105	04:07 AM	180	29PI24R	29VI24
DEC 29, 2105	03:09 AM	180	00AR28	00LI28
APR 11, 2118	10:02 PM	180	25AR22	25LI22R
JUL 15, 2130	04:44 AM	180	20TA03	20SC03R
NOV 02, 2130	11:39 AM	180	22TA00R	22SC00
MAR 29, 2131	09:49 PM	180	24TA38	24SC38R
JUN 29, 2143	02:19 PM	180	19GE12	19SA12R
JUN 26, 2156	06:21 PM	180	18CA27	18CP27R
OCT 07, 2168	04:46 PM	180	13LE13	13AQ13R
JAN 17, 2169	02:20 PM	180	14LE57R	14AQ57
JUN 29, 2169	06:32 AM	180	17LE44	17AQ44R
OCT 08, 2181	01:26 PM	180	12VI32	12PI32R
APR 01, 2182	04:11 AM	180	15VI29R	15PI29
JUN 30, 2182	05:50 AM	180	17VI00	17PI00R
OCT 19, 2194	05:34 PM	180	12LI05	12AR05R
NOV 03, 2207	08:23 AM	180	11SC46	11TA46R
NOV 13, 2220	00:43 AM	180	11SA32	11GE32R
FEB 22, 2233	09:08 AM	180	06CP38	06CA38R
JUN 23, 2233	04:52 PM	180	08CP44R	08CA44

NOV 15, 2233	01:29 PM	180	11CP15	11CA15R
FEB 19, 2246	00:56 AM	180	06AQ13	06LE13R
FEB 14, 2259	00:02 AM	180	05PI50	05VI50R
MAY 16, 2271	08:38 AM	180	00AR36	00LI36R
SEP 28, 2271	03:29 AM	180	03AR01R	03LI01
JAN 30, 2272	01:38 AM	180	05AR14	05LI14R
APR 30, 2284	07:12 AM	180	29AR53	29LI53R
AUG 28, 2296	01:23 PM	180	25TA00	25SC00
SEP 18, 2296	10:44 PM	180	25TA22R	25SC22
APR 20, 2297	09:05 AM	180	29TA10	29SC10R
JUL 20, 2309	06:18 AM	180	23GE43	23SA43R
JAN 25, 2310	05:33 PM	180	27GE02R	27SA02
MAR 29, 2310	10:20 AM	180	28GE07	28SA07
JUL 17, 2322	05:33 AM	180	22CA59	22CP59R
NOV 25, 2334	06:16 PM	180	18LE14	18AQ14
DEC 04, 2334	04:22 PM	180	18LE23	18AQ23
JUL 21, 2335	03:42 PM	180	22LE17	22AQ17R
NOV 01, 2347	07:58 PM	180	17VI09	17PI09R
MAR 05, 2348	05:30 PM	180	19VI15R	19PI15
JUL 27, 2348	10:20 PM	180	21VI41	21PI41R
NOV 09, 2360	09:39 AM	180	16LI40	16AR40R
MAY 11, 2361	02:10 PM	180	19LI44R	19AR44
JUL 31, 2361	03:26 PM	180	21LI06	21AR06R
NOV 22, 2373	00:48 AM	180	16SC20	16TA20R
DEC 03, 2386	00:52 AM	180	16SA07	16GE07R
MAR 27, 2399	11:35 PM	180	11CP29	11CA29
MAY 22, 2399	03:46 AM	180	12CP26R	12CA26
DEC 07, 2399	11:54 AM	180	15CP54	15CA54R